

What is claimed is:

1. A hollowing system for a lathe having a tool rest, the hollowing system comprising:

a boring member adapted to support a tool such that at least one of the boring member and the tool extend past and engage the tool rest; and

a stabilization assembly mountable adjacent to the lathe, the stabilization assembly supporting the boring member such that the boring member extends generally parallel to a longitudinal axis of the lathe, the stabilization assembly having a vertical axis and a horizontal axis, the stabilization assembly adapted to prevent downward movement of the tool when the stabilization assembly is mounted adjacent to the lathe and the tool is positioned on the tool rest, the stabilization assembly comprising:

an articulation assembly supporting the boring member and permitting horizontal movement of the boring member about the vertical axis,

while also permitting lateral movement of the boring member in a horizontal direction.

2. The following system of claim 1, wherein the stabilization assembly further comprises a horizontal support and also wherein the articulation assembly comprises:

a first housing supporting the boring member; and
a second housing pivotally mounted to the first housing,
the second housing mounted on the horizontal support to permit the lateral movement of the boring member.

3. The following system of claim 1 further comprising a rotation prevention assembly engaging the articulation assembly and the boring member to prevent rotation of the boring member about a long axis of the boring member.

4. The hollowing system of claim 3, wherein the rotation prevention assembly includes means for selectively permitting rotation of the boring member about the long axis of the boring member.

5. The hollowing system of claim 3, wherein the rotation prevention assembly comprises:

a first fitting connected to at least a portion of the articulation assembly;

a second fitting rotatably mounted to the first fitting; and

means for selectively preventing rotation of the second fitting relative to the first fitting.

6. The hollowing system of claim 5, wherein each of the first and second fittings cooperate to define a bore receiving at least a portion of the boring member.

7. The hollowing system of claim 5, wherein the first and second fittings have a cylindrical shape.

8. The hollowing system of claim 5, wherein the means for selectively preventing rotation includes a set screw.

9. The hollowing system of claim 5, wherein the means for selectively preventing rotation includes a toggle clamp.

10. A method of enhancing the ability of a wood turner to hollow out a log, comprising the step of:

 selling a hollowing system for a lathe having a tool rest, the

 hollowing system comprising:

 a boring member adapted to support a tool such that at

 least one of the boring member and the tool extend

 past and engage the tool rest; and

 a stabilization assembly mountable adjacent to the lathe,

 the stabilization assembly supporting the boring

 member such that the boring member extends

 generally parallel to a longitudinal axis of the lathe,

 the stabilization assembly having a vertical axis and

 a horizontal axis, the stabilization assembly adapted

to prevent downward movement of the tool when the stabilization assembly is mounted adjacent to the lathe and the tool is positioned on the tool rest, the stabilization assembly comprising:

an articulation assembly supporting the boring member and permitting horizontal movement of the boring member about the vertical axis, while also permitting lateral movement of the boring member in a horizontal direction.

11. A method of enhancing the ability of a wood turner to hollow out a log supported by a spindle of the lathe, comprising the steps of:

connecting a stabilization assembly to a lathe such that a tool rest of the lathe is positioned between the spindle of the lathe and the stabilization assembly; and

supporting a boring member having a tool with the stabilization assembly such that the boring member extends generally parallel to a longitudinal axis of the

lathe, the stabilization assembly having a vertical axis and a horizontal axis, the stabilization assembly adapted to prevent downward movement of the tool when the stabilization assembly is mounted adjacent to the lathe and the tool is positioned on the tool rest, the stabilization assembly comprising:

an articulation assembly supporting the boring member and permitting horizontal movement of the boring member about the vertical axis, while also permitting lateral movement of the boring member in a horizontal direction.